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WEST SUFFOLK.

R E P O R T

of the

MEDICAL OFFICER OF HEALTH


FOR THE YEAR

1954.



ROBERT H. CLAYTON, M.B., B.S., B.Hy., D.P.H.

Mildenhall R.D. Co. MOH Report- 1954
Mr Dalton R312 R59 24 JUL 1956 30 JUL 1956



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ANNUAL REPORT

of the

Medical Officer of Health for the Rural District
of Mildenhall in the County of West Suffolk for the
year ending 31st December, 1954.

Public Health Offices,
8, Whiting Street,
Bury St. Edmunds.

July 1955.

To:-

The Chairman and Members of the
Rural District Council of Mildenhall.

Mr. Chairman, Ladies & Gentlemen,

Herewith I beg to submit for your favourable consideration
my nineteenth Annual Report as Medical Officer of Health, being
that for the year ended 31st December, 1954.

My thanks are due to the Chairman and all members of the
Public Health Committee for their kind consideration, as also to my
colleagues for their assistance in the compilation of this report and
their help throughout the year.

The County Medical Officer of Health, West Suffolk, Dr. D. A. McCracken,
has been a ready help in consultation and co-operation and to him also
I extend my thanks.

I am, Mr. Chairman, Ladies & Gentlemen,

Your obedient servant,

ROBERT H. CLAYTON.

Medical Officer of Health.

Public Health Officers of the Authority.

- (a) Medical - One part-time Medical Officer of Health,
ROBERT H. CLAYTON, M.B., B.S., B.Hy.,
D.P.H. (Durham). Cert. Mental Deficiency
and Allied Subjects (London), appointed in 1936.

This Officer does not engage in private practice but holds in
addition the following appointments:-

Medical Officer of Health, Newmarket U.D.C.	}	Appointed 1st July, 1936
Thingoe R.D.C.		
Cosford R.D.C.		" 1st Feb. 1937
Thedwastre R.D.C.	"	1st July, 1938

- (b) Others - One Sanitary Inspector
H. W. TROTTER, Cert.R.S.I., M.S.I.A.,
Meat and Other Foods Certificate R.S.I.,
appointed in 1935, also Building Surveyor.
- One Additional Sanitary Inspector,
EDWARD BANKS, Cert.R.S.I., M.S.I.A.,
Meat and Other Foods Certificate R.S.I.,
appointed 21st April, 1947.

Public Health Committee.

Rev. F. Eley	..	..	..	..	Chairman.
Mr. W. G. Halford	..	..	..	..	Vice-Chairman.
Mrs. A. M. Barclay					Mr. B. A. M. Lingwood.
Mr. F. L. Bennett.					Mr. W. J. Lock.
Mr. R. S. Dixon.					Mr. R. Morley.
Mr. J. A. Dow.					Mr. W. H. Morley.
Mr. H. J. Kidd.					
Ex-Officio.					
Rev. J. L. Sowden, J.P.,					Chairman of the Council.

SECTION A.
STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

1. GENERAL STATISTICS.	Area	..	..	..	..	86,759 acres.
Registrar General's estimate of the resident population		1954.	(1953)	(1952)		
		20,840	(22,380)	(24,980)		
Number of inhabited houses at end of year according to Rate Book		4,580	(4,455)	(4,415)		
Rateable Value	..	£77,882	(£73,410)	(£68,960)		
Sum represented by a Penny Rate		£303	(£290)	(£272)		

2. EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.

	Total.			Male.			Female.		
	1954	(1953)	(1952)	1954	(1953)	(1952)	1954	(1953)	(1952)
Live Births.									
Legitimate.	378	(400)	(324)	182	(192)	(158)	196	(208)	(166)
Illegitimate.	25	(19)	(15)	12	(14)	(7)	13	(5)	(8)
Stillbirths.									
Legitimate.	4	(5)	(8)	3	(2)	(5)	1	(3)	(3)
Illegitimate.	Nil	(1)	(1)	Nil	(Nil)	(Nil)	Nil	(1)	(1)
Deaths.	159	(174)	(154)	79	(102)	(75)	80	(72)	(79)
Deaths under one year.	11	(13)	(9)	6	(4)	(4)	5	(9)	(5)

	Mildenhall.			England & Wales		
	1954	(1953)	(1952)	1954	(1953)	(1952)
Birth Rate. (Live Births per 1000 population.)	19.3	(18.7)	(13.6)	15.2	(15.5)	(15.3)
Comparability Factor, Births.	1.22	(1.70)	(1.7)			
Corrected Birth Rate.	23.5	(31.8)	(23.1)			
Stillbirth Rate per 1000 total (live and still) births.	9.8	(14.1)	(25.9)	24.0	(22.4)	(22.6)
Death Rate per 1000 resident population.	7.6	(7.8)	(6.2)	11.3	(11.4)	(11.3)
Comparability Factor, Deaths.	1.17	(1.38)	(1.38)			
Corrected Death Rate.	8.9	(10.7)	(8.5)			
Death Rate of Infants under 1 year.						
All infants per 1000 live births.	27.3	(31.0)	(26.5)	25.5	(26.8)	(27.6)
Legitimate Infants per 1000 legitimate births.	29.1	(30.0)	(24.7)			
Illegitimate Infants per 1000 illegitimate births.	Nil	(52.6)	(66.7)			

The 11 deaths under 1 year were all legitimate infants, of whom 3 males and 4 females died under 4 weeks of age :-

Male 20 mins. Oedema neonatorum.

Male 1 day. Cerebral haemorrhage.
Prematurity.

Male 1 week. Broncho-Pneumonia.

Female 11 hrs. Prematurity and Immaturity.

Female 1 day. Atelectasis, congenital and prematurity.

Female 3 days. Prematurity.

Female 2 weeks. Congenital heart, Empyema, Broncho-pneumonia.

Male 6 weeks. Accidentally suffocated lying in bed with parents.

Male 2 months. Asphyxia in his cot.

Male 6 months. Meningitis. Leaking Meningocele.

Female 6 months. Accidentally suffocated in her cot.

The only other deaths in the nonage were those of a 21 month old boy (Rabdomyosarcoma of bladder) and a 13 year old girl (Pulmonary oedema and Bronchitis, congestive heart failure, Congenital morbis cordis. Defective inter ventricular septum).

The following table gives the causes and the number of deaths occurring at the various age groups. The totals correspond with the Registrar General's figures.

As in last year's report the deaths have been classified to conform with implementation of the World Health Organisation Nomenclature Regulations, 1948 - these regulations being set out on pages 371-376 of the International Statistical Classification of Diseases, Injuries and Causes of Death, 1948.

CAUSES.		Deaths at the sub-joined ages of "RESIDENTS" whether occurring in or beyond the District.									
M. = Males. F. = Females.		Under 1 year.	1 to 4 years.	5 to 14 years.	15 to 24 years.	25 to 44 years.	45 to 64 years.	65 to 74 years.	75 years & over.	TOT. L=Registrar General's figures.	
		M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	
9.	Other Infective & parasitic diseases.	- -	- -	- -	- -	- -	- -	- -	1 1	1 1	
10.	Malignant neoplasm, Stomach.	- -	- -	- -	- -	- -	- -	1 -	2 -	3 -	
11.	Malignant neoplasm, Lung, Bronchus.	- -	- -	- -	- -	- -	2 1	3 -	- -	5 1	
13.	Malignant neoplasm, uterus.	- -	- -	- -	- -	- -	- -	- 1	- -	- 1	
14.	Other malignant & lymphatic neoplasms.	- -	1 -	- -	- -	- 1	3 5	2 3	1 1	7 10	
15.	Leukaemia, Aleukaemia.	- -	- -	- -	- -	- -	2 -	- -	- -	2 -	
16.	Diabetes.	- -	- -	- -	- -	- -	- -	- 1	1 -	1 1	
17.	Vascular lesions of nervous system.	- -	- -	- -	- -	- -	- 1	2 2	5 6	7 9	
18.	Coronary Disease, Angina.	- -	- -	- -	- -	- -	5 1	4 2	1 5	10 8	
19.	Hypertension with Heart Disease.	- -	- -	- -	- -	- -	1 -	- -	2 1	3 1	
20.	Other Heart Disease.	- -	- -	- -	- -	- -	- -	3 3	8 7	11 10	
21.	Other circulatory disease.	- -	- -	- -	- -	- 1	- -	- -	5 6	5 7	
22.	Influenza.	- -	- -	- -	- -	- 1	- -	- -	- -	- 1	
23.	Pneumonia.	1 -	- -	- -	- -	- -	- -	1 -	1 1	3 1	
24.	Bronchitis.	- -	- -	- -	- -	- -	- -	3 1	2 2	5 3	
25.	Other diseases of respiratory system.	- -	- -	- -	- -	- 1	- 1	1 -	1 -	2 2	
26.	Ulcer of Stomach & duodenum.	- -	- -	- -	- -	- -	- -	1 -	- -	1 -	
28.	Nephritis and Nephrosis.	- -	- -	- -	- -	- -	- -	- 1	- 1	- 2	
31.	Congenital malformations.	1 1	- -	- 1	- -	- -	- -	- -	- -	1 2	
32.	Other defined & ill-defined diseases.	2 3	- -	- -	- -	- 1	- -	- 2	4 10	6 16	
33.	Motor vehicle accidents.	- -	- -	- -	- -	- -	2 -	- 1	- -	2 1	
34.	All other Accidents.	2 1	- -	- -	1 -	- -	- 1	1 -	- -	4 2	
36.	Homicide & operations of war.	- -	- -	- -	- -	- 1	- -	- -	- -	- 1	
Total:		Males		Females		6 -		1 -		- -	
		Males		Females		15 -		22 -		34 -	
		Males		Females		79 -		80			

Year.	Rateable Value.	Penny Rate Product.	No. of Inhabited Houses.	Registrar General's Estimate Population.	Total Deaths.	Deaths under One Year.		Births.		Stillbirths.
						Legit-imate.	Illegit-imate.	Legit-imate.	Illegit-imate.	
1936.	£38,063	£167	3,406	12,290	174	8	Nil	176	8	Nil
1937.	£42,902	£174	3,507	12,370	165	14	Nil	221	7	Nil
1938.	£43,405	£174	3,500	12,440	134	6	Nil	170	5	Nil
1939.	£44,033	£188	3,528	12,700	140	7	Nil	185	5	Nil
1940.	£45,912	£191	3,968	12,970	171	11	Nil	197	5	1
1941.	£49,422	£206	3,623	13,410	168	5	Nil	209	15	1
1942.	£53,231	£221	3,628	12,660	162	10	1	265	11	1
1943.	£57,789	£241	3,627	12,820	144	7	Nil	206	10	Nil
1944.	£53,814	£208	3,625	13,370	146	13	Nil	247	18	2
1945.	£52,014	£190	3,631	12,980	163	9	Nil	227	36	1
DECADE TOTALS.	-	-	-	-	1,567	90	1	2,103	120	6
ANNUAL AVERAGE DURING DECADE.	£48,059	£196	3,604	12,801	157	9	0.1	210	12	0.6
1946.	£52,757	£203	3,638	12,690	149	9	Nil	223	27	2
1947.	£53,452	£206	3,687	13,107	136	9	1	299	24	1
1948.	£59,631	£223	4,085	14,210	131	11	Nil	291	10	1
1949.	£62,963	£237	4,214	14,390	168	9	Nil	285	11	Nil
1950.	£63,552	£245	4,276	15,390	172	8	Nil	280	15	Nil
1951.	£64,952	£254	4,346	21,700	169	6	Nil	316	22	Nil
1952.	£68,960	£272	4,415	24,980	154	8	1	324	15	1
1953.	£73,410	£290	4,455	22,380	174	12	1	400	19	1
1954.	£77,882	£303	4,580	20,840	159	11	Nil	378	25	Nil
Compare with 1936 to 1945 Decade Average.	£48,059	£196	3,604	12,801	157	9	0.1	210	12	0.6

From the foregoing and subsequent pages the following, inter alia, will be noted:-

During 1954	The Population	decreased by 1,540 persons,	or 7%.
"	"	The INHABITED houses	increased by 125, or 3%.
"	"	The Rateable Value	" " £4,472, or 6%.
"	"	The Birth Rate	" " 0.6 per 1000 population.
"	"	The Death Rate	decreased " 0.2 " " "

Three children under one year died of suffocation.
1 Child in every 16 born was illegitimate.

The Ambulance Service continued under the direction of the County Medical Officer of Health.

To the existing splendid facilities provided at the Newmarket General Hospital there was added Surgical Appliances and Orthoptic Clinics.

The Specialist Staff of that hospital and the General Practitioners in this District have been most co-operative and helpful whenever approached upon Public Health matters.

20% of the births to Residents of Mildenhall Rural District took place at Newmarket General Hospital.

35% of the Deaths occurred in hospitals in 1954. In 1953 the figures was 40%.
114 Deaths (71%) occurred at age 65 years or over, of which 75 (47%) were at 75 years or more.

3,961 (86%) Houses were provided with piped water supply by the end of 1954, of which 267 houses were provided for the first time during 1954.

821 (18%) Houses were connected to a modern sewage disposal plant by the end of 1954, of which 68 houses were connected during 1954.

The high percentage of houses with piped water supply means that sewage schemes in Mildenhall and Lakenheath are urgent necessities.

All 80 water samples taken from the Council's mains during 1954 proved satisfactory on analysis.

The total number of houses built by the Council during 1954 was 120 - which compares well with the 42 of 1953.

The Council are making every effort to provide all amenities in their houses, and it is expected that by the end of 1955, all pre-war Council houses will be provided with a bath, flush closet and a hot and cold water supply.

£4,078 was paid as grant to owners improving existing houses.

Although the use of 19 hutments as homes was discontinued during 1954, at the end of the year there were still 131 hutments occupied.

In September 1955 there are still 321 applicants for Council houses.

Although two vehicles are employed on refuse collection, overtime has had to be worked, so that, without involving the substantial additional cost of a third vehicle and crew, it is impossible, at present, to give a weekly collection in all parishes or to undertake a "backdoor" collection which some have been seeking.

Meat rationing ended early in July 1954 - the Newmarket Slaughterhouse, which under rationing supplied our District, has been continued under private management and still continues to serve several butchers in our area. Two slaughterhouses were, however, licensed - one each at Mildenhall and Brandon - when rationing ended. The high quality of the animals bought by the local butchers is reflected in the percentage of cattle (excluding cows) diseased (7.3% other than Tuberculosis and 1.8% Tuberculosis), which nevertheless indicates the desirability to maintain the inspection of all carcasses before sale to the public.

In addition to other inspections it has proved necessary for the Sanitary Inspector to carry out duties on four evenings of every week in order that inspection of all meat is effected before being offered for sale to the public.

There was no undue incidence of any Infectious Disease during the year, although the first case of Typhoid Fever was recorded in my nineteenth year of service, as was a single outbreak of 18 cases of Food Poisoning.

SECTION B.
GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

(a) LABORATORY FACILITIES. The Emergency Public Health Laboratory, Tennis Court Road, Cambridge, under the directorship of Dr. R. M. Fry, provides an excellent bacteriological service and most readily discusses and advises on any epidemiological or similar problem.

Dr. S. Greenburgh, Public Analyst, Tenison Road, Cambridge, gives a similar, efficient, helpful service when chemical analyses are required.

(b) AMBULANCE FACILITIES. These services since July 1953 have been provided directly by the County Council under the direction of Dr. D. A. McCracken, the County Medical Officer of Health.

(c) NURSING IN THE HOME. The West Suffolk County Council District Nurse-Midwives carry out these duties.

(d) CLINICS AND TREATMENT CENTRES. The County Council extended their Infant Welfare Clinics to a weekly service at Mildenhall, where, until September, it had been monthly. They also held, as before, clinics twice a month at Brandon and once monthly at Lakenheath throughout the year.

Air Vice-Marshall T. K. Kelly, Medical Superintendent, has kindly supplied the following list of Out-Patient Clinics held at Newmarket General Hospital:

CLINIC.	DAY.	TIME.	CONSULTANT.
SURGICAL APPLIANCES.	All Mondays.	11 a.m.	Mr. A. B. Ockendon.
ORTHOPTICS.	Tues. & Friday.	9.40 a.m.	Miss S. Sealey.
MEDICAL.	Tues. & Weds. Alt. Wednesdays.	2 p.m.	Dr. L. C. Martin.
SURGICAL.	Tuesday.	9.30 a.m.	Mr. R. Tagart, M.Ch., F.R.C.S.
	Thursday.	10 a.m.	Mr. T. M. Williams, F.R.C.S.
	Friday.	2.30 p.m.	Mr. R. E. B. Tagart.
ORTHOPAEDIC.	Tuesday.	10.30 a.m.	Mr. E. S. Jamieson, F.R.C.S.
	Friday.	2 p.m.	" " " " "
	Alt. Saturdays.	10.15 a.m.	" " " " "
GYNAECOLOGY.	Alt. Mondays.	2 p.m.	Mr. O. Lloyd, F.R.C.O.G.
	Friday.	9.30 a.m.	Mr. J. Hesketh, M.R.C.O.G.
ANTE-NATAL.	Tuesday.	10 a.m.	
	Tuesday.	2 p.m. (BOOKING CLINIC ONLY)	
	Thursday.	10 a.m.	
EAR, NOSE & THROAT.	Monday.	10 a.m.	Mr. R. Williamson, M.B., Ch. B. D.L.O.
OPHTHALMIC.	Tuesday.	2 p.m.	Miss M. Perrers Taylor. Miss K. M. Long.
4th Tuesday each month reserved for schoolchildren)			
	2nd Monday.	2 p.m.	Miss K. Long.
	(Reserved for schoolchildren)		
CHEST (T.B.)			
Consultations.			
Refills.	Thursday.	2 p.m.	Dr. C. P. Hay.
DERMATOLOGY.	1st, 2nd, 4th Thurs.	10 a.m.	Dr. C. H. Whittle.
PAEDIATRICS.	2nd, 4th Sat.	10 a.m.	Dr. D. Gairdner.

X-RAY DEPARTMENT. (Dr. F. Berridge and Dr. D. Gregg Consultant Radiologists)
The X-ray department is open from 9 a.m. - 5 p.m. on week-days and from 9 a.m. - 12 noon on Saturdays. Facilities are also available for acute emergency cases at other times. Patients must report to the Out-Patient Dept. before proceeding to the X-ray Department.

PATHOLOGY LABORATORY. (J. H. Dean, M.D., Consultant Pathologist). This department is open from 9 a.m. - 5 p.m. on week-days and 9 a.m. - 12 noon on Saturdays. Staff is available for acute emergency work at other times. Patients must report to the Out-Patient Dept. before proceeding to the Pathology Laboratory.

(e) HOSPITALS. Of the 403 births in 1954 to Mildenhall Residents 80 (20%) occurred at the Newmarket General Hospital.

Of the 159 deaths, 60 occurred outside the District. Of these, 56 took place at hospitals as under:-

17 St. Mary's Hosp., Bury St. Ed's.	1 Royal Air Force Hosp., Ely.
19 West Suffolk Hosp. " " "	1 Jenny Lind Hospital, Norwich.
9 Newmarket Gl. Hosp., Newmarket.	1 St. Luke's Hospital, Guildford.
1 Walnuttree Hosp., Sudbury.	1 St. Helen's Hospital, Hastings.
3 U.S. Air Force Hosp., Arrington.	1 West Norwich Hospital, Norwich.
1 Hill End Hosp., St. Albans.	
1 County Hospital, Doddington.	

SECTION C.
SANITARY CIRCUMSTANCES OF THE AREA.

1. (i) WATER. The table on the following page shows the number and percentage of houses in the District, (separate figures for each parish being quoted) which enjoy a piped water supply - there are no standpipes in the area. The sources of these piped supplies are indicated and the following information may also be noted:-

- Source "A". (The Eriswell Bore and Reservoir) is owned by our Council and supplies (in addition to the villages mentioned) the R.A.F. Station, Lakenheath.
- Source "B". (The Brandon Well and Reservoir) also owned by our Council supplies also houses in Weeting in the area of the Swaffham R.D.C., Norfolk.
- Source "C". (The Moulton Bore and Tower) also owned by our Council supplies also houses in Kennett in the area of the Newmarket R.D.C., Cambridgeshire.
- Source "D". (The R.A.F. installation at Tuddenham (operated during 1954 by our Council) was, as referred to in my previous report, to be the subject of negotiations suggested by the Ministry in order that the Council might acquire this plant. Owing to a change in policy on the part of the Air Ministry these negotiations were not persued.
- Source "E". (The Ely R.D.C. mains) as recorded serve 87 houses in our District at West Row, Beck Row and Burnt Fen.
- Source "F". (The Ely U.D.C. mains) supply, as recorded, in our District 5 houses at Lark Grange, West Row Fen, Mildenhall.
- Source "G". (The Newmarket Waterworks Company Limited of Newmarket U.D.C.) supply 16 houses in our parish of Moulton which is on their periphery.
- Source "H". (The Clare R.D.C. mains) supply 9 houses in the Dunstall Green area of Dalham, Mildenhall R.D., which adjoins their District.
- Source "P". (Privately owned water schemes) exist in the villages indicated.

The average daily output (in thousands of gallons) during December 1954 was from:-

				1954.	1953.	1952.	1951.
A.	Eriswell Bore	..	..	192	211	195	173
B.	Brandon Well	..	..	99	80	74	66
C.	Moulton Bore	..	..	83	64	45	37

The table also indicates houses supplied for the first time during the year given under two headings (Sources A, B, C & D which were operated by our Council being separated from other sources).

It will be noted that 14 dwellings at Frackenham and 8 at Worlington ceased to be used for habitation during the year - the net increased number of houses supplied by sources A, B, C & D was, therefore, 196 (218, -14, -8).

The recent progress in the supply of piped water and the necessary sewerage arrangements arising therefrom is indicated by the following results in my four Rural Districts:-

Piped Water Supply.							Sewerage.						
1.1.55.							1.1.55						
	1951.	1952.	1953.	1954.	31.8.55.	Total		1951.	1952.	1953.	1954.	31.8.55.	Total
Sosford.	73	150	459	379	228	1,289		222	217	207	125	81	852
Mildenhall.	150	206	205	267	99	927		193	287	117	68	8	673
Bedwastre.	59	117	119	402	287	984		Nil	Nil	Nil	Nil	Nil	Nil
Wingoe.	314	166	336	498	637	1,951		27	209	135	140	114	625

These figures, whilst indicating recent progress, should be read with the total houses served as the Authorities had made different previous attacks on these problems. These figures are shown in the second, the smaller table, on the following page.

As at 31st December, 1954.	SOURCE OF PIPED WATER SUPPLY.										Houses Supplied First time in 1954. 13CD.	
	Total Houses in Parish.	% with Piped Water.	Number with Piped Water.	Eriswell.	Brandon.	Moulton	R.A.F. Tuddenham.	Ely R.D.C.	U.D.C.	Newmarket Water Works Co. G.		Clare R.D.C.	Private Piped Supplies. P.
				A.	B.	C.	D.	E.	F.		H.	
Barton Mills.	170	81	138									
Brandon.	929	94	877		877							
Cavenham.	39	38	15				10					5
Dalham.	89	94	84			75					9	113
Elveden.	133	85	113									
Eriswell.	101	75	76									
Freckenham.	130	82	148	93		55						
Gazeley.	123	85	105			105						
Herringswell.	63	44	28			7	21					
Higham.	82	98	80									80
Icklingham.	137	77	106				106					
Kentford.	75	89	67			67						
Lakenheath.	585	91	534	534				87	5			
Mildenhall.	1,256	92	1,153	1,061						16		
						166						
Moulton.	203	90	182									69
Santon Downham.	87	80	70		1							
Tuddenham.	111	75	83				83					5
Wangford.	10	50	5									4
Worlington.	107	91	97	93								
Totals for 1954	Milden-4,580 hall R.D.	86	3,961	1,995	878	475	220	87	5	16	9	276
" " 1953	"	83	3,716	1,870	857	454	191	80	Nil	Nil	Nil	264
" " 1952	"	80	3,544	1,808	864	436	133	54	Nil	Nil	Nil	249
" " 1951	"	77	3,338	1,738	853	414	34	54	Nil	Nil	Nil	245

AS AT 31.8.55.

	Total Houses.	Houses with Piped Water Supply.		Houses connected to Sewerage System.	
		Total.	% of Houses in Districts.	Total.	% of Houses in Districts.
COSFORD.	3,285	2,234	68%	994	30%
MILDENHALL.	4,580	4,060	89%	827	18%
THEDWASTRE.	2,849	1,004	35%	Nil	Nil
THINGOE.	5,451	3,046	56%	953	17%

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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CHEMICAL ANALYSIS. The following are copies of the reports on samples of water taken from the Eriswell, Moulton and Brandon bores made by Dr. S. Greenburgh, the Public Analyst, in October 1954:-

"	1. <u>Eriswell</u> <u>Bore.</u>	2. <u>Moulton</u> <u>Bore.</u>	3. <u>Brandon</u> <u>Dug Well.</u>
Physical Characters.	Good.	Good.	Good.
Reaction.	pH 7.4	pH 7.1	pH 7.4
The sample contained parts per 100,000			
Chloride	1.7	2.45	1.50
Ammonia (Free & Saline)	absent	absent	absent
Ammonia (Albuminoid)	absent	0.0006	absent
Oxygen absorbed in 3 hrs. at 37° C	0.0267	0.0279	0.0264
Nitrates (expressed as Nitrogen)	0.25	0.75	0.25
Nitrites	absent	absent	absent
Poisonous Metals	absent	absent	absent
Total hardness	18.7	29.5	16.0

BACTERIOLOGICAL EXAMINATION.

Coliform organism absent in 100 mls.	Coliform organism absent in 100 mls.	Coliform organism absent in 100 mls.
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MICROSCOPICAL EXAMINATION OF DEPOSIT.

None	None	None
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INFERENCE.

The results obtained on the analysis of these samples do not show any evidence of pollution with harmful organic or inorganic matter. I am of the opinion that these waters are fit for drinking purposes.

(Signed) S. GREENBURGH.
Public Analyst,
Tenison Road,
Cambridge.

BACTERIOLOGICAL. Samples were taken regularly from the Council's piped water supplies throughout the year - from these the total number of 80 samples were all satisfactory.

Two samples were taken from a new main - the first indicated that further flushing was desirable - the second gave a satisfactory result. Over the same period, 13 samples were taken from private supplies. In 3 cases the first samples were unsatisfactory, but subsequent samples showed the water satisfactory. In 2 cases the water remains unsatisfactory and the users have been warned of precautions to be taken.

EXTENSION, ETC. TO MAINS. During the year the mains for taking a bulk supply from the Clare R.D.C. to Dunstall Green were completed and at the 31st December 9 houses had been connected and were taking a supply. The 750,000 gallon reservoir at Codson Hill, Eriswell was completed and brought into commission early in the year, thus ensuring an adequate storage for the area covered by the mains and to the nearby Aerodrome. Unfortunately the new 20,000 gallon per hour pump for installation had not been delivered by the manufacturers as had been anticipated and so the existing pumps continued to meet the present needs.

Although there was a considerable increased call on the Brandon installation during the year it was not found necessary to restrict consumption. This can be attributed to the very wet season which retained the water level in the well and bore, and at the same time lessened the demand for garden purposes. The demand from the Swaffham R.D.C. in respect of the supply to Weeting, increased by an average of 9,000 gallons per month during the year. The matter of the proposed extension of these Waterworks was again taken up with the Ministry and the position has been re-considered by the Department. As a result the land necessary is in course of purchase and the tenders for the work will be considered in the near future.

During the year a new 6" extension was laid in Brandon from the reservoir to Bury Road, where it was connected to existing mains in that road and then carried down Rattlers Road with a 4" main to link up with the one on London Road - a distance of approximately $\frac{3}{4}$ mile. This gives an improved supply to the South end of the town and will be in position for the proposed development of the Rattlers Road area.

For many years it has been appreciated that the water supply in the West Row Fen Area has been very unsatisfactory and although repeated applications from the occupiers of houses on the river bank were made for an extension of the supply to these points, the Council felt that having regard to the condition of roads, the rateable value, the condition of the houses and the distance involved, the expense could not be justified. The matter was settled when on appeal being made to the Ministry an inquiry was ordered, as a result of which the Minister made an order requiring the Council to take a supply to the houses concerned. It is anticipated that this will be done in 1955.

There was a decreased demand on the Eriswell installation during December which was probably due to a decreased population at the local R.A.F. Station during that month and the Air Field's own plant meeting the bulk of the demand.

(ii) DRAINAGE AND SEWERAGE. Houses connected to the sewer at Brandon during 1954 numbered 64 and were:-

New Council Houses	.. .. .	20
Houses where P.C. was converted to W.C.	38	
Houses with W.C's. Cesspools replaced by sewer	.. .. .	6

This brought the number of properties connected to the sewer in Brandon to a total of 609 (66% of the parish).

At Moulton 4 additional Council houses were connected to the sewer during the year. Five hutments sewerred at Mildenhall and one at Brandon were demolished during the year, so that at the year's end the total number of houses connected to modern sewerage works in the District was 821 which equals 18% of the houses in the area.

HOUSES CONNECTED TO MODERN SEWERAGE WORKS AS AT 31.12.54.

	Council Houses.	Private.	Hutments.	Total.
Brandon.	185 (20)	434 (44)	88 (-1)	707
Moulton.	28 (4)	-	-	28
Lakenheath.	-	1	17	18
Santon Downham.	-	46	-	46
Mildenhall.	-	-	20 (-5)	20
Cavenham.	-	2	-	2
	213	483	125	821

The new sewers in High Street and in Station Road, at Brandon, have been completed but delay occurred with the river crossing and the construction of the pump house. The original estimate for the pump house was for less than £1000. The revised estimate amounted to £3,948, but after negotiation this has been reduced to £3,843.7.4d. The work is now awaiting the Ministry's sanction.

Owing to the development now taking place in the Mile End area of the town the Council decided again to approach the Department on the need for proceeding with the third part of the scheme which covers this area.

The plans for the proposed scheme for Mildenhall and Barton Mills have been forwarded to the Ministry for consideration, but the plans for Lakenheath have not yet been received from the Consulting Engineers.

Cesspool Clearances. The Council's cesspool emptier has been in continuous use throughout the year. On 12 occasions assistance to reduce the waiting list was obtained by hiring a machine from the Thedwastre R.D. 1,030 clearances were carried out during the year, 274 being without charge in accordance with the Council's cesspool clearance scheme. At the end of the year there were 925 recorded cesspools in existence in the area.

2. RIVERS AND STREAMS. Owing to a shortage of water in the Kennet River at Moulton and a breakdown in the sewerage plant serving the Council's Housing Estate, a nuisance, subsequently abated, arose from an accumulation of foul water. The sewage works effluent, discharged into the river at Brandon, has been shown, by analysis, to be satisfactory.

3. (i) CLOSET ACCOMMODATION. Pail closets are cleared by contractors in the parishes of Mildenhall, Lakenheath and Brandon. In the latter parish practically all closets are now on the sewerage system, except in the High Street, Town Street and Mile End areas. The number of conversions of pail closets to the water carriage system during the year are as follows:-

(1)	Brandon - connected to sewer	.. ..	38
(2)	In other parts of the area (excluding those under (3) )	.. ..	10
(3)	As part of improvement scheme under the 1949/54 Housing Act		25
(4)	Council Houses (Lakenheath)	.. ..	16

Public Conveniences. These exist at Mildenhall and Brandon. No further action has been taken in regard to the provision of like facilities at Lakenheath.

(ii) PUBLIC CLEANSING. Since the commencement of the scheme, about two years ago, some 260 dwellings have been built. This, together with various other extensions to the service, has necessitated a certain amount of overtime. Two vehicles are now in operation giving a twice monthly clearance of refuse to all parishes in the area previously having a monthly service. Weekly collections are made at Mildenhall, Brandon and Lakenheath as formerly. Salvage of saleable waste is combined with refuse collection and the amount of material sold was as under:-

Waste Paper - 39 tons - an increased of 7 tons over 1953.
Other materials - 16 tons - a 2 ton decrease on 1953.

(iii) SANITARY INSPECTION OF THE AREA. The following table summarises the work carried out by the two Sanitary Inspectors, Mr. Trotter and Mr. Banks:-

Inspection and re-inspection of houses under the Public Health and Housing Act	326
Council House Management	1,501
Building Bye-laws	247
Tents, vans, sheds etc. (including Ex-W.D. and R.A.F. Camp taken over by Council)	53
Factories and Workshops	18
Shops and Offices	32
School sanitation	22
Drains, etc.	241
Dairies	2
Public Conveniences	53
Disinfections and Disinfestations	11
Interviews	324
Nuisances	218
Town and Country Planning Act	25
Meat Inspection	172

126 Informal notices served. Complied with 139 including a number outstanding from 1953.

No Statutory Notices were served.

In addition 34 Time and Place notices were served in respect of unfit houses. These were dealt with as under:-

Not to be re-let	17
Closing Order	3
Demolition Order	4
Conditional Undertakings accepted	10

Factory Act, 1937.

Inspections for purposes of provisions as to health.

Premises.	Number on Register.	Number of		
		Inspections.	Written Notices.	Occupiers Prosecuted.
(i) Factories (no power) in which Sections 1,2,3,4 & 6 are to be enforced by Local Authority.	12	4	Nil	Nil
(ii) Factories (with Power) not included in (i) in which Section 7 is enforced by the Local Authority.	57	11	4	Nil
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises).	12	3	Nil	Nil
	81	18	4	Nil

	No. of cases in which defects were found.				Number of cases in which prosecutions were instituted.
	Found.	Remedied.	To H.M. Inspector.	By H.M. Inspector.	
nt of Cleanliness.	4	2	Nil	Nil	Nil

(iv) SHOPS AND OFFICES. Thirty-two shops and offices were inspected during the year.

(v) CAMPING SITES. In 1954 the number of caravans in the area remained about the same as for 1953. There are 64 licenced sites, providing accommodation for a maximum of 372 caravans.

Hutted Camps. The Ex-Army and R.A.F. Camps are still in existence at Brandon, Mildenhall, Freckenham and Tuddenham. In the case of Freckenham half the huts have been vacated and are being demolished. A few huts were demolished at Brandon and Mildenhall and it is expected to reduce the numbers greatly by the end of 1955. Tuddenham remains about the same.

(vi) SMOKE ABATEMENT. No smoke nuisance of a statutory nature arises in the District.

(vii) SWIMMING BATHS. There are no swimming baths in the District.

(viii) ERADICATION OF BED BUGS. No cases of bed bug infestation occurred in the District.

(ix) RAT DESTRUCTION. Two Rodent Operators are employed, although one of these had to carry out relief duties on other services for about 3 months. A total of 450 premises were treated during the year and as a result 1,469 bodies were picked up.. Poisons used were Zinc Phosphide, A.N.T.U. Red Squill and Warfarin.

(x) LICENCED PREMISES. With very few isolated exceptions every licenced house is now provided with a washing sink and piped water supply adjacent to the public rooms. In some cases hot water is also provided. Most of the houses have been provided with a "central service" counter which has the advantage of making the cleansing facilities readily available for all sections.

(xi) THE RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951. There are no premises in the District which require registration or licensing under the above Act. The premises in the District which carry out upholstery work only carry out repair, re-making and reconditioning of articles and are therefore exempt from registration under Section 1(2) (a) of the Act.

SECTION D.
HOUSING.

1. (i) (a) Total number of houses inspected for defects under Public Health and Housing Act	913
(b) Number of inspections made for purpose	1,827
(ii) Number of houses (included under Sub-Head (1) above) which were inspected and recorded under the Housing (Consolidated) Regulations 1935	8
(iii) Number of houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	34
(iv) Number of houses (exclusive of those referred to under the preceding sub-head) found not to be in all respect fit for human habitation.	Private. 46 Council. 350
(v) Number of houses demolished during the year as the result of outstanding Demolition Orders	7

2. Remedy of Defects during the year without service of Formal Notice.

Number of defective dwelling houses rendered fit in consequence of informal action by Local Authority or their Officers:-

By Owners	34
By Council	350

Houses completely reconditioned by owners as shown by register of plans 43

Houses rendered fit by owners and Demolition Orders annulled by County Court

5

Houses Erected during 1954.

New Council Houses	..	..	..	..	120
Private Houses	..	..	..	..	27
Private Conversions	..	..	..	..	2

Parishes in which houses were erected by the Council during the year were Mildenhall - 78, Moulton - 4, Brandon - 20, Lakenheath - 12, West Row - 6.

At the end of the year huts remained occupied as follows:-
Brandon - 83, Freckenham - 13, High Lodge - 20, Tuddenham - 5.
At the commencement of the year the figures were Brandon - 92, Freckenham - 30, High Lodge - 23, Tuddenham - 5.

<u>Parish.</u>	<u>C O U N C I L H O U S E S .</u>					<u>% of Houses in the Parish which are Council Houses.</u>
	<u>Total Houses in Parish.</u>	<u>Total.</u>	<u>Pre-War.</u>	<u>War-Time Emergency Programme.</u>	<u>Post-War.</u>	
arton Mills.	170	26	14		12	15
andon.	929	185	94		91	20
avenham.	39					
alham.	89					
lveden.	133					
riswell.	101					
reckenham.	180	22	6		16	12
azeley.	123	14			14	11
erringswell.	63	8		2	6	13
igham.	82					
cklingham.	137	16	6		10	12
entford.	75	12			12	16
akenheath.	585	119	44	2	71	20
ildenhall.	1,356	244	80	2	162	18
oulton.	203	30			30	15
anton Downham.	87					
uddenham.	111	22	14		8	20
angford.	10					
orlington.	107	10	8		2	9
	4,580	706	266	6	434	15.4

Housing Act, 1949. Improvement work was completed on 20 houses and the total value of grant paid was £4,078.

SECTION E.
INSPECTION AND SUPERVISION OF FOOD.

- (a) MILK SUPPLY. The number of Retailers in the area is 11. Six of these hold licenses for the sale of T.T. and Pasteurised milk.
- (b) MEAT AND OTHER FOODS. During the year a prosecution, which resulted in a fine of £5, was instigated by the Council who thought such a course to be warranted where a firm had sold, at a reduced price, a packet of Cheese Spread in a deteriorated condition which rendered it unfit for human consumption.

Ice-Cream. There are no Factories in the area and all ice-cream is pre-packed.

Cafes and Canteens. One unsatisfactory cafe was closed down voluntarily. Visits are paid at irregular intervals to all cafes in the area. In two cases minor infringements were found and rectified after informal notice. Canteens at industrial premises were also inspected and action taken where necessary.

During the year 1954 the undermentioned food was condemned as unfit for human consumption.

Canned milk.	46 cans.
" vegetables	58 "
" fruit.	76 "
" meat.	40 "
" fish.	14 "

Cheese.	96 lbs.
Corned beef.	-
Liver.	11 lbs.
Pork.	-
Mutton.	-
Beef.	162 lbs.

Meat & Other Foods.

Number of licensed slaughter houses ..	2
Number of visits to butchers premises	87

MEAT CONDEMNED.

Tuberculosis.			Other diseases, etc.		
Bovines.	Pigs.	Sheep.	Bovines.	Pigs.	Sheep.
4 heads. 4 tongues	4 heads.	-	1 heart. 9 livers.	1 small carcase & all organs. 1 part carcase. 3 hearts. 4 livers. 3 lungs.	-

CARCASES INSPECTED AND CONDEMNED.

	Cattle excluding cows.	Cows.	Calves.	Sheep & Lambs.	Pigs.
Number killed:	109	7	-	292	349
Number inspected:	109	7	-	292	349
<u>All diseases except Tuberculosis.</u>					
Whole carcase condemned.	-	-	-	-	1
Carcase of which some part or organ was condemned.	8	2	-	-	11
Percentage of the number inspected affected with disease other than Tuberculosis.	7.3	29	-	-	3.4
<u>Tuberculosis only.</u>					
Whole carcase.	-	-	-	-	-
Carcase of which some part or organ was condemned.	2	2	-	-	4
Percentage of the number inspected affected with Tuberculosis.	1.8	29	-	-	1.1

(c) ADULTERATION, ETC.
(d) CHEMICAL & BACTERIOLOGICAL EXAMINATION.
(e) NUTRITION.
(f) SHELL-FISH.
(g) WATER-CRESS.

No change.

SECTION F.

PREVALENCE OF & CONTROL OVER INFECTIOUS AND OTHER DISEASES.

The total number of confirmed infectious disease cases notified was 162 (compare table below).

Year.	Scarlet Fever.	Whooping Cough.	Acute Poliomyelitis.	Measles.	Diphtheria.	Pneumonia.	Dysentery.	Erysipelas.	Meningococcal Infection.	Food Poisoning.	Enterperal Typhexia.	Ophthalmia Neonatorum.	Infective Hepatitis.	Undulant Fever.	Malaria.	Typhoid Fever.	Infectious Disease Deaths.	Total Cases.
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P		
1954.	16	48	Nil	60	Nil	14	1	2	-	18	2	-	-	-	-	-	4(4F)	162
1953.	46	91	2	322	-	47	-	1	-	-	-	-	-	-	3	-	7(5F111M)	512
1952.	15	37	1	120	-	31	-	1	3	1	1	-	-	-	-	-	9(8F1H)	210
1951.	3	22	1	49	-	19	1	1	1	-	-	-	-	-	-	-	8(8F)	97
1950.	24	27	-	116	-	11	-	6	-	-	-	-	3	-	-	-	6(6F)	187
1949.	10	1	1	301	-	6	-	2	-	1	-	-	2	-	-	-	6(6F)	324
1948.	21	109	-	11	-	6	-	1	-	-	1	-	1	-	-	-	7(7F)	150
1947.	27	33	1	54	-	6	-	-	-	-	-	-	-	-	-	-	7(7F)	121
1946.	9	8	-	3	-	3	-	1	-	-	-	1	-	-	-	-	7(7F)	25
1945.	8	8	-	43	1	1	-	1	-	-	-	-	-	-	-	-	6(1D5F)	62
1944.	1	3	-	30	-	-	-	-	-	-	-	-	5	-	-	-	2(2F)	39
1943.	2	3	-	6	2	-	-	1	-	-	-	-	-	-	-	-	2(2F)	14
1942.	4	16	-	15	1	-	-	1	-	-	1	-	-	-	-	-	4(2F2K)	38
1941.	14	23	-	88	10	-	-	-	-	-	-	-	-	-	-	-	4(1D1E2F)	135
1940.	17	41	-	12	3	1	-	1	-	-	-	-	-	-	-	-	7(1B1E5F)	75
1939.	65	-	-	-	1	2	-	1	-	-	1	-	-	-	-	-	6(5F1K)	70
1938.	9	-	-	-	-	4	-	2	-	-	1	-	-	1	-	-	5(4F1K)	17
1937.	12	-	2	-	1	4	-	-	-	-	3	-	-	2	1	-	3(1C1F1K)	25
1936.	11	-	-	-	1	4	-	1	-	-	2	-	-	-	-	-	3(3F)	19

* Measles and Whooping Cough were only made notifiable from October 1939.

% Infective Hepatitis became notifiable in 1943.

The first Diphtheria Immunisations were completed in 1941.

The case of Typhoid Fever recorded is, that of a 25 year old man living in a house on the river bank in the West Row Fen area. He admitted drinking the river water without taking the precautions advised to all the inhabitants of that area, but gauzes examined by the Public Health Bacteriological Laboratory, Cambridge, after 48 hours immersion in the river gave negative results for the Typhoid bacillus.

As recorded, the Minister following a Public Enquiry has made an Order so that these houses will have a piped supply of water.

The 18 cases of Food Poisoning all occurred in a hostel for continental workers employed in agriculture. A brawn prepared from pigs trotters and hock, on a Saturday afternoon, stood in the pantry till the Monday when it was eaten between 3.30 p.m. and 9 p.m. The patients became ill about half an hour after the various times of their meal - D & V. occurred lasting 8 to 12 hours. Staphylococcus aureus was isolated from faeces and the remnants of the brawn by the Public Health Bacteriological Laboratory, Cambridge.

ALL NOTIFIABLE DISEASES (other than Tuberculosis) DURING 1954.

	Scarlet Fever.	Whooping Cough.	Measles.	Pneumonia.	Dysentery.	Erysipelas.	Typhoid Fever.	Food Poisoning.	Puerperal Pyrexia.
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
Grand Total: M. F.	6 10	18 30	22 33	8 6	- 1	1 1	1 -	18 -	- 2
162 74 88									
Under 1 year.	- -	1 3	1 1	- -	- -	- -	- -	- -	- -
1 to 2 years.	2 1	4 3	3 7	- 1	- 1	- -	- -	- -	- -
3 to 4 years.	1 1	4 9	3 6	- -	- -	- -	- -	- -	- -
5 to 9 years.	3 8	9 14	14 23	2 2	- -	- -	- -	- -	- -
10 to 14 "	- -	- 1	- -	- -	- -	- -	- -	- -	- -
15 to 24 "	- -	- -	1 1	1 -	- -	- -	- -	- -	- 2
25 to 44 "	- -	- -	- -	2 2	- -	1 -	1 -	12 -	- -
45 to 64 "	- -	- -	- -	3 -	- -	- 1	- -	6 -	- -
65 yrs. & over.	- -	- -	- -	- 1	- -	- -	- -	- -	- -

TUBERCULOSIS.

NEW CASES.

NEW CASES AND MORTALITY.

	1954.	1953.	1952.	1951.	1950.
Pulmonary:	8	8	7	16	19
Non-Pulmonary:	2	2	4	3	4
	<u>10</u>	<u>10</u>	<u>11</u>	<u>19</u>	<u>23</u>

Ages of Cases notified in 1954: M.17,54,66.
Pulmonary: F.27,40,42,53,61.
Non-Pulmonary: F.21,32.

MORTALITY. There were no Tuberculosis deaths during 1954.

TUBERCULOSIS REGISTER.

	Pulmonary.		Non-Pulmonary.		Total.	
	Male.	Female.	Male.	Female.	Male.	Female.
1.Number of cases on Register at commencement of 1954.	26	25	10	6	36	31
2.Number of cases notified for the first time during the year under Regulations.	3	5	-	2	3	7
3.Cases restored to Register.	-	-	-	-	-	-
4.Cases added to Register otherwise than by notification under Regulations						
(a) Transferred from other Dists.	2	1	-	2	2	3
(b) From Death Returns.	-	-	-	-	-	-
5.Number of cases removed from Register.	3	3	-	1	3	4
6.Number of Cases remaining on Register at end of 1954.	28	28	10	9	38	37

Cases remaining on the Register at end of year.

Year.	Total.	Pulmonary.		Non-Pulmonary.	
		Male.	Female.	Male.	Female.
1954.	75	28	28	10	9
1953.	67	26	25	10	6
1952.	70	26	23	11	10
1951.	65	24	24	8	9
1950.	50	15	21	7	7

NATIONAL ASSISTANCE ACT, 1948. Section 47. It was not necessary during the year to apply to the Magistrates for an order under this Section as with the services of the County Welfare Officers all such cases were voluntarily persuaded to accept moving.

